

CLAIMS

1. Absorbent article exhibiting a liquid permeable surface and an opposite at least substantially liquid impermeable surface and comprising an absorbent structure wherein the absorbent structure comprises a super absorbent porous structure exhibiting a Gurley stiffness value being lower than 1000 mg and a density in a dry condition exceeding 0.5 g/cm^3 .
2. Absorbent article according to claim 1, wherein the super absorbent porous structure is a polyacrylate-based foam.
3. Absorbent article according to the claim 1 wherein the super absorbent porous structure in a dry condition exhibits a density exceeding 0.7 g/cm^3 .
4. Absorbent article according to claim 1, wherein the super absorbent porous structure exhibits a Gurley stiffness value being lower than 700 mg.
5. Absorbent article according to claim 1, wherein the super absorbent porous structure exhibits a Gurley stiffness value being lower than 500 mg.
6. Absorbent article according to claim 1, wherein the total absorption capacity per cubic centimeter of the super absorbent porous structure in a dry condition is at least 15 g/cm^3 .
7. Absorbent article according to claim 1, wherein the absorbent structure comprises an acquisition portion and a final storage portion, whereby the super absorbent porous structure constitutes the acquisition portion and that the acquisition portion exhibits a drainage rate, measured by a pore volume distribution device, being such that at least 50% of the

drainable pores in the super absorbent porous structure are emptied from liquid at a pressure being lower than 12 cm H₂O.

8. Absorbent article according to claim 1, wherein the acquisition portion exhibits a drainage rate, measured by a pore volume distribution device, being such that at least 50% of the drainable pores in the super absorbent porous structure are emptied from liquid at a pressure being lower than 8 cm H₂O.

9. Absorbent article according to claim 1, wherein the final storage portion at least comprises a first storage layer, wherein the first storage layer is comprised of cellulosic fibers and super absorbent material, wherein the amount of super absorbent material calculated on the total weight of the first storage layer in a dry condition is at least 50% by weight.

10. Absorbent article according to claim 9, wherein the amount of super absorbent material, calculated on the total weight of the first storage layer in a dry condition is at least 70% by weight.

11. Absorbent article according to claim 1, wherein the article is a diaper, an incontinence guard, or a sanitary napkin.